

L Number	Hits	Search Text	DB	Time stamp
1	3	cecil-t\$.xa,xp. and filter\$3 near3 life near3 indicat\$3	USPAT; US-PGPUB; EPO; JPO	2004/03/15 09:20
2	140	((filter filtering).ab,ti. and (pressure near (relief relieve)) and (transparent translucent (clear near2 (housing cover)))) not ((210/130-133.ccls. and 210/94-95.ccls.) (210/130-133.ccls. and (transparent transluscent) not (210/130-133.ccls. and 210/94-95.ccls.)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/15 09:23
3	3	"6540909"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/15 09:23
4	475	filter\$3.ab,ti. and bubble adj point	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/15 09:23
5	132	(filter\$3.ab,ti. and bubble adj point) and (valv\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/15 09:45
6	0	210/85.ccls and method adj2 indicating	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/15 09:45
7	7575	method adj2 indicating	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/15 09:46
8	67	method adj2 indicating.ti,ab. and filter\$3.ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/15 09:54
9	58	method adj2 indicating.clm. and filter\$3.ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/15 09:55
11	12	method adj2 indicating.clm. with filter\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/15 10:01
12	1	210/767,739.ccls. and filter\$3.ti,ab. with (exhaustion replacement spent) with indicat\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/15 10:02
-	124	cecil-t\$.xa,xp.	USPAT; US-PGPUB; EPO; JPO	2002/02/01 07:41
-	2	cecil-t\$.xa,xp. and filter\$3 near3 life near3 indicat\$3	USPAT; US-PGPUB; EPO; JPO	2004/03/15 09:20
-	32	("D363760"   "D386041"   "D390629"   "D406536"   "0483951"   "0669347"   "0803029"   "1924468"   "2638581"   "3013431"   "3834230"   "4116371"   "4183450"   "4196081"   "4431533"   "4496906"   "4741697"   "4779456"   "4806912"   "4895648"   "4986901"   "4998228"   "5076912"   "5190643"   "5296148"   "5328597"   "5457665"   "5458766"   "5536394"   "5536395"   "5785844"   "5882507").PN.	USPAT	2002/01/28 09:18
-	2	(("3823824") or ("3992296")).PN.	USPAT; US-PGPUB	2002/01/28 11:14

	836	210/94-95.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/01 09:34
	1	210/94-95.ccls. and 210/132.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/01 08:14
	5	("2793752"   "3334747"   "3467256"   "3795312"   "3945208").PN.	USPAT	2002/02/01 07:49
	14	4082665.URPN.	USPAT	2002/02/01 07:54
	11	210/94-95.ccls. and 210/130.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/01 07:57
	11	3508657.URPN.	USPAT	2002/02/01 08:12
	134	210/132.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/01 09:07
	4	210/132.ccls. and (transparent window glass)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/01 09:04
	6	2605904.URPN.	USPAT	2002/02/01 08:58
	3	3374892.URPN.	USPAT	2002/02/01 09:00
	8	210/132.ccls. and (transparent\$3 window\$3 glass\$3)	USOCR	2002/02/01 09:06
	0	210/132.ccls. and (\$3transparent)	USOCR	2002/02/01 09:06
	0	210/13.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/01 09:07
	565	210/130.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/01 09:09
	541	210/130.ccls. not ((210/94-95.ccls. and 210/132.ccls.) ("2793752"   "3334747"   "3467256"   "3795312"   "3945208").PN.) 4082665.URPN. (210/94-95.ccls. and 210/130.ccls.) 3508657.URPN. 210/132.ccls. ( 210/132.ccls. and (transparent window glass)) 2605904.URPN. 3374892.URPN.) ( 210/130.ccls. not ((210/94-95.ccls. and 210/132.ccls.) ("2793752"   "3334747"   "3467256"   "3795312"   "3945208").PN.) 4082665.URPN. (210/94-95.ccls. and 210/130.ccls.) 3508657.URPN. 210/132.ccls. ( 210/132.ccls. and (transparent window glass)) 2605904.URPN. 3374892.URPN.)) and (transparent tranluscent)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/01 09:08
	5	( 210/130.ccls. not ((210/94-95.ccls. and 210/132.ccls.) ("2793752"   "3334747"   "3467256"   "3795312"   "3945208").PN.) 4082665.URPN. (210/94-95.ccls. and 210/130.ccls.) 3508657.URPN. 210/132.ccls. ( 210/132.ccls. and (transparent window glass)) 2605904.URPN. 3374892.URPN.)) and (transparent tranluscent)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/01 09:09
	307	210/130.ccls.	USOCR	2002/02/01 09:10
	12	210/130.ccls. and (transparent tranluscent)	USOCR	2002/02/01 09:27
	8	2669707.URPN.	USPAT	2002/02/01 09:25
	12	210/130.ccls. and (transparent\$3 tranluscent\$4)	USOCR	2002/02/01 09:28
	175	116/268.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/02/01 09:29

-	37	116/268.ccls. and (transparent transluscent)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/02/01 09:29
-	4	210/94-95.ccls. and 210/85.ccls. and 210/90.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/02/01 09:35
-	948	(filter\$3 near2 (life clogg\$3 exhaustion) with indicat\$3)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/02/01 09:38
-	87	((filter\$3 near2 (life clogg\$3 exhaustion) with indicat\$3)) and (transparent tranluscent)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/02/01 09:38
-	84	((filter\$3 near2 (life clogg\$3 exhaustion) with indicat\$3)) and (transparent tranluscent)) not ((210/94-95.ccls. and 210/132.ccls.) ("2793752"   "3334747"   "3467256"   "3795312"   "3945208").PN.) 4082665.URPN. (210/94-95.ccls. and 210/130.ccls.) 3508657.URPN. 210/132.ccls. ( 210/132.ccls. and (transparent window glass)) 2605904.URPN. 3374892.URPN.)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/02/01 09:57
-	16	2617535.pn. 2998138.pn. 3007579.pn. 3077176.pn. 3187895.pn. 3216571.pn. 3268077.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/02/01 09:57
-	19	210/130-133.ccls. and 210/94-95.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/08/15 13:25
-	10	210/130-133.ccls. and (transparent transluscent) not (210/130-133.ccls. and 210/94-95.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/08/15 13:47
-	20	210/130-133.ccls. and (transparent transluscent)	USOCR	2002/08/15 14:07
-	0	2939480.URPN.	USPAT	2002/08/15 14:17
-	125	(filter filtering).ab.ti. and (pressure near (relief relieve)) and (transparent translucent (clear near2 (housing cover)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/08/15 14:30
-	125	((filter filtering).ab.ti. and (pressure near (relief relieve)) and (transparent translucent (clear near2 (housing cover)))) not ((210/130-133.ccls. and 210/94-95.ccls.) (210/130-133.ccls. and (transparent transluscent) not (210/130-133.ccls. and 210/94-95.ccls.)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/15 09:21
-	557	B01D035/147	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/08/15 14:46
-	4	B01D035/147 and (transparent translucent)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/28 13:37
-	0	B01D035/147 and (clear near3 viewing)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/08/15 14:47

-	1	10/013673	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/08/15 16:20
-	2	6334959.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/08/15 16:42
-	0	09/902647 09/0904027 09/909491 09/912868	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/08/15 16:43
-	2	("5075004").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/08/20 15:48
-	75	(DAVCO).as.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/28 13:19
-	38	((DAVCO).as.) and filter\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/28 13:19
-	195	fleetguard.as.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/28 13:34
-	150	fleetguard.as. and filter\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/28 13:35
-	51	(fleetguard.as. and filter\$3) and pressure	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/28 13:35
-	494	B01D035/147	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/28 13:39
-	6	B01D035/147	US-PGPUB	2003/02/28 13:40
-	426	B01D035/147	US-PGPUB; EPO; JPO; DERWENT	2003/02/28 13:43
-	26	B01D035/147 and B01D035/143	US-PGPUB; EPO; JPO; DERWENT	2003/02/28 16:24
-	564	B01D035/143	US-PGPUB; EPO; JPO; DERWENT	2003/05/30 12:23
-	13	210/130,132,133.ccis. and @py>1995	US-PGPUB; EPO; JPO; DERWENT	2003/02/28 16:06
-	26	MOESSINGER-KLAUS.in.	US-PGPUB; EPO; JPO; DERWENT	2003/02/28 16:24
-	35	MOESSINGER-KLAUS.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/28 16:24
-	31	MOESSINGER-KLAUS.in. and filter\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/28 16:33

-	3	ASSMANN-WOLFGANG.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/28 16:33
-	0	2022/0125178	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/28 16:38
-	0	2002/0125178	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/28 16:39
-	2	"20020125178"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/03 08:06
-	1	"19546440"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/03 08:29
-	11	"711588"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/03 08:29
-	47	(116/268.ccls. or 210/90,85.ccls.) and level and (gas air vapor)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/30 12:56
-	2374	210/429,430,431,440,443,484,448.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/30 13:04
-	2	210/429,430,431,440,443,484,448.ccls. and pressure and level and (gas vapor air) and filter\$3 with (clogged spent replace replacing replacement)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/30 12:51
-	0	210/429,430,431,440,443,484,448.ccls. and pressure same (level and (gas vapor air)) and indicat\$3 with filter\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/30 12:51
-	2	210/429,430,431,440,443,484,448.ccls. and pressure same (level and (gas vapor air)) and pressure with filter\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/30 12:52
-	2	210/429,430,431,440,443,484,448.ccls. and pressure same (level and (gas vapor air)) and pressure with (membrane element filter\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/30 12:52
-	694	B01D035/143	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/30 12:52
-	63	B01D035/143 and (gas air vapor) and level	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/30 12:54
-	430	(116/268.ccls. or 210/90,85.ccls.) and level and (gas air vapor)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/30 12:57
-	368	((116/268.ccls. or 210/90,85.ccls.) and level and (gas air vapor)) and (filter\$3 membrane)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/30 12:59
-	352	(((116/268.ccls. or 210/90,85.ccls.) and level and (gas air vapor)) and (filter\$3 membrane)) not (B01D035/143 and (gas air vapor) and level)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/30 12:59

-	167	((116/268.ccls. or 210/90,85.ccls.) and level and (gas air vapor)) and (filter\$3 membrane) with (exhaust\$3 spent clogged clogging clog replace replacement replacing)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/30 13:00
-	153	((((116/268.ccls. or 210/90,85.ccls.) and level and (gas air vapor)) and (filter\$3 membrane) with (exhaust\$3 spent clogged clogging clog replace replacement replacing)) not (B01D035/143 and (gas air vapor) and level)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/30 13:00
-	74	210/429,430,431,440,443,484,448.ccls. and pressure and level and (gas vapor air) and filter\$3 with (clogged spent replace replacing replacement)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/30 13:08
-	65	(210/429,430,431,440,443,484,448.ccls. and pressure and level and (gas vapor air) and filter\$3 with (clogged spent replace replacing replacement)) not (((((116/268.ccls. or 210/90,85.ccls.) and level and (gas air vapor)) and (filter\$3 membrane) with (exhaust\$3 spent clogged clogging clog replace replacement replacing)) not (B01D035/143 and (gas air vapor) and level)) ((116/268.ccls. or 210/90,85.ccls.) and level and (gas air vapor)) (B01D035/143 and (gas air vapor) and level))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/30 13:08
-	2	10/116461	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/10 17:04
-	4	6540909.pn. 6641742.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/10 15:32
-	0	6540909.URPN.	USPAT	2004/03/10 15:32
-	2	6540909.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/10 15:51
-	0	6540909.URPN.	USPAT	2004/03/10 15:35
-	0	6540909.URPN.	USPAT	2004/03/10 15:50
-	21	("2559267"   "2638581"   "2669707"   "2877902"   "2888141"   "2995249"   "2998138"   "3061101"   "3297162"   "3315808"   "3317046"   "3331509"   "3374892"   "3508657"   "3529721"   "3980457"   "4035306"   "4629558"   "4990247"   "5382355"   "5458767").PN.	USPAT	2004/03/10 15:50
-	2	"6641742"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/10 15:52
-	0	6641742.URPN.	USPAT	2004/03/10 15:51

	70	(("2748949"   "2843268"   "2919807"   "3209520"   "3386230"   "3397793"   "3506475"   "3827566"   "4033881"   "4058463"   "4104170"   "4181514"   "4243397"   "4392958"   "4464263"   "4539107"   "4692175"   "4878929"   "4882056"   "4890444"   "4929354"   "4950400"   "5006235"   "5039413"   "5071456"   "5082476"   "5167683"   "5238474"   "5252207"   "5306321"   "5350515"   "5364456"   "5376278"   "5415676"   "5423892"   "5427597"   "5454858"   "5462679"   "5507942"   "5543047"   "5622537"   "5628916"   "5660729"   "5669949"   "5672399"   "5690765"   "5695637"   "5700304"   "5736044"   "5762669"   "5762670"   "5766449"   "5766468"   "5779900"   "5792227"   "5797973"   "5800581"   "5800587"   "5814219"   "D402361"   "D404807"   "5858044"   "5858224"   "5871557"   "D406315"   "D406316"   "5876601"   "D407808"   "5935284"   "RE37165"   "2002/0125178").PN.	USPAT	2004/03/10 15:51
	697	smith-paul\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/10 15:52
	7	smith-paul\$.in. and indicat\$3 and 210.clas.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/10 15:59
	91	((("2559267"   "2638581"   "2669707"   "2877902"   "2888141"   "2995249"   "2998138"   "3061101"   "3297162"   "3315808"   "3317046"   "3331509"   "3374892"   "3508657"   "3529721"   "3980457"   "4035306"   "4629558"   "4990247"   "5382355"   "5458767").PN.) ((("2748949"   "2843268"   "2919807"   "3209520"   "3386230"   "3397793"   "3506475"   "3827566"   "4033881"   "4058463"   "4104170"   "4181514"   "4243397"   "4392958"   "4464263"   "4539107"   "4692175"   "4878929"   "4882056"   "4890444"   "4929354"   "4950400"   "5006235"   "5039413"   "5071456"   "5082476"   "5167683"   "5238474"   "5252207"   "5306321"   "5350515"   "5364456"   "5376278"   "5415676"   "5423892"   "5427597"   "5454858"   "5462679"   "5507942"   "5543047"   "5622537"   "5628916"   "5660729"   "5669949"   "5672399"   "5690765"   "5695637"   "5700304"   "5736044"   "5762669"   "5762670"   "5766449"   "5766468"   "5779900"   "5792227"   "5797973"   "5800581"   "5800587"   "5814219"   "D402361"   "D404807"   "5858044"   "5858224"   "5871557"   "D406315"   "D406316"   "5876601"   "D407808"   "5935284"   "RE37165"   "2002/0125178").PN.) 210/132.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/10 16:02
	145	210/132.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/10 16:29
	21	("2672984"   "3262567"   "3333698"   "3722683"   "3724665"   "3822787"   "4075097"   "4075098"   "4144169"   "4388196"   "4400864"   "4557829"   "4755289"   "4783271"   "4878536"   "4885082"   "4935127"   "5019251"   "5256280"   "5548893"   "5759351").PN.	USPAT	2004/03/10 16:12
	13	4557829.URPN.	USPAT	2004/03/10 16:15
	12	("2098725"   "2833416"   "3344923"   "3450632"   "3467256"   "3487929"   "3493110"   "3586171"   "3975273"   "4038189"   "4048071"   "4240908").PN.	USPAT	2004/03/10 16:16
	5	("3193101"   "3224591"   "3268077"   "3467256"   "3608724").PN.	USPAT	2004/03/10 16:19

-	10 144	3822787.URPN. 210/130.ccls. and 210/440,443.ccls.	USPAT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/10 16:19 2004/03/10 16:36
-	945	b01d029/10		2004/03/10 16:36
-	2	10/116461 and bubble adj point		2004/03/10 17:16
-	1	6540909.pn. and relief adj valv\$4		2004/03/10 17:18
-	2	09/800982		2004/03/10 17:41
-	3	((("2559267"   "2638581"   "2669707"   "2877902"   "2888141"   "2995249"   "2998138"   "3061101"   "3297162"   "3315808"   "3317046"   "3331509"   "3374892"   "3508657"   "3529721"   "3980457"   "4035306"   "4629558"   "4990247"   "5382355"   "5458767").PN.) ((("2748949"   "2843268"   "2919807"   "3209520"   "3386230"   "3397793"   "3506475"   "3827566"   "4033881"   "4058463"   "4104170"   "4181514"   "4243397"   "4392958"   "4464263"   "4539107"   "4692175"   "4878929"   "4882056"   "4890444"   "4929354"   "4950400"   "5006235"   "5039413"   "5071456"   "5082476"   "5167683"   "5238474"   "5252207"   "5306321"   "5350515"   "5364456"   "5376278"   "5415676"   "5423892"   "5427597"   "5454858"   "5462679"   "5507942"   "5543047"   "5622537"   "5628916"   "5660729"   "5669949"   "5672399"   "5690765"   "5695637"   "5700304"   "5736044"   "5762669"   "5762670"   "5766449"   "5766468"   "5779900"   "5792227"   "5797973"   "5800581"   "5800587"   "5814219"   "D402361"   "D404807"   "5858044"   "5858224"   "5871557"   "D406315"   "D406316"   "5876601"   "D407808"   "5935284"   "RE37165"   "2002/0125178").PN.)) and bubble adj point	2004/03/10 17:41	